

STEEL STEAMER or MOTORSHIP.

Received at London Office 16 SEP 1939

State if Report has been sent on the Freeboard of the Vessel. YES

State if Report is sent on the Machinery of the Vessel. YES

Date of completion of report 1st SEPTEMBER Port of ROTTERDAM No. 48^ASurvey held at WESTERBROEK Date First Survey 22-12-1938 Last Survey 28th AUGUST 1939

On the (State if Machinery fitted, Aft and if Single, Twin or Triple Screw) STEEL SINGLE SREW MOTORVESSEL "BUG" MACHINERY FITTED AFT

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections POOP, TR & DECK FORECASTLE

TONNAGE under Tonnage Deck 321.07 CLASS +100 A1 State if with freeboard as condition of Class NO Built at WESTERBROEK

Do. of space or spaces between Tonnage Dk. and Upper Dk. Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 47.000 Launched 4-7-39 Yard No. 660

Total Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 3.500 Builders N.Y. E.J. SHIT & ZOON

Gross Tonnage 498.71 Register Tonnage 321.23 1st Longitudinal Number (L x D) = 167.5 2nd Numeral L x (B + D) = 564.9 Owners MESSRS. ROTHERT & KILACZYK LTD

REGISTERED DIMENSIONS. FEET.

Length 15.6.2

Breadth 27.5

Depth 9.9

Framing Depth "d," at middle of length. See Sec. 3 (1d) 9.15

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.60

Do. Long Bridge to top of keel 10.52

Draught Moulded 3.457

Residence G DYNIA

Port of Registry G DYNIA

If surveyed while building, afloat, or in dry dock

WHILE BUILDING

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	540	✓	Bracket Floors, Frame	100 65 0	✓
" " from $\frac{3}{4}$ length amidships to Collision bulkhead	540	✓	" " Reversed Frame	70 65 0	✓
" " in peaks	540	✓	" " Vertical Struts	NP 14	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	716 8 1/2	✓
Frame Amidships, Angle, \angle or \square	100 65 8	APPR. ✓	" " top Angles	65 65 0	✓
" " Extends up to	UPPER DECK		" " bottom Angles	75 75 8 1/2	✓
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness	250 x 7	✓
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	740 x 7 1/2	✓
Depth of Framing Girder	-		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	1. 65 x 8	FLAT ✓
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \square	-		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	1. 100 x 8	✓
" " Second 'tween Decks, Angle, \angle or \square	-		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	-	
" " Third " " " "	-		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	-	
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	100 65 8 1/2	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1000 x 7 1/2	✓
" " in Peaks, Angle \angle or \square	100 65 8 (FOREPEAK)	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/0 70	✓	Breadth and thickness of Middle Line Strake	1530 8	✓
State if Frame Joggled	NO	✓	Thickness of remainder in Holds	7	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	-	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, \angle or \square	130 65 8 1/2	✓
Floors, Depth and thickness at mid-line in Holds	-		" " in way of Bridge, Angle, \angle or \square	75 65 7	✓
Height of Brackets at side above base line at toe of frame	-		Spacing	EVERY FRAME	✓
Middle Line Keelson, on Floors, Angles, \angle or \square	-		Second Deck, amidships, Angle, \angle or \square	-	
" " Through Plate or Intercostal Plate	-		Spacing	-	
" " Foundation Plate on Floors	-		Third Deck, amidships, Angle, \angle or \square	-	
" " Flat Plate Keel Angles	-		Spacing	-	
Side Keelsons, No. each side	-		Fourth Deck, amidships, Angle, \angle or \square	-	
" " thickness of Intercostal Plate	-		Spacing	-	
" " Angles	-		Poop Deck, Angle, \angle or \square	115 65 8	✓
DOUBLE BOTTOM.			Spacing	EVERY FRAME	✓
Solid Floors, thickness and spacing	6 1/2 EVERY 4 TH FRAME		Bridge Deck, Angle, \angle or \square	-	
" " Are Frame and Reversed Frame joggled?	NO		Spacing	-	
Bracket Floors, breadth and thickness at middle line	540 6 1/2	✓	Forecastle Deck, Angle, \angle or \square	115 65 8	✓
" " breadth and thickness at margin plate	540 6 1/2	✓	Spacing	EVERY FRAME	✓

PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	-								
" in 'tween Decks, Size and Spacing.....	-								
" " " " "	-								
" in Holds " "	-								
" " " " "	-								
Centre Line Bulkhead.									
Stiffeners and Spacing.....	100	50	1	✓					
Plating, thickness of	6			✓					
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	1310	10		✓					
" " " " " in way of Bridge	1310	8 1/2		✓					
" Angle in Wells	90	90	11 1/2	✓					
Thickness of Plating abreast Deck openings in way of Wells	-								
Thickness of Plating abreast Deck openings in way of Bridge	-								
Thickness of Plating within line of openings...	7			✓					
If Sheathed, material and thickness	-								
Second Deck.									
Stringer Plate, breadth and thickness in Wells...	-								
Stringer Plate, breadth and thickness.....	-								
If Plated, state thickness.....	-								
Third Deck.									
Stringer Plate, breadth and thickness.....	-								
If Plated, state thickness.....	-								
Fourth Deck.									
Stringer Plate, breadth and thickness.....	-								
If Plated, state thickness	-								
Poop Deck.									
Stringer Plate, breadth and thickness	6			✓					
Plating, Sheathing, material and thickness ...	6			✓					
Bridge Deck.									
Stringer Plate, breadth and thickness.....	-								
Plating, Sheathing, material and thickness ...	-								
Forecastle Deck.									
Stringer Plate, breadth and thickness.....	6			✓					
Plating, Sheathing, material and thickness ...	6			✓					

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <i>YES</i>	SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
	Inches.	Inches.	Inches.	Inches.									
FLAT PLATE KEEL	1530	11	11	10	✓	DOUBLE	3/4	77 <i>see letter</i>	EL. WELDED	-	-	-	
„ DBLG. (if any)	-												
BOTTOM PLATING, No. of of Strakes <i>T.Y.M.R.</i> ...	1530	8 1/2	12 1/2	8 1/2	✓	SINGLE	5/8	60	TWO	5/8	57	✓	
BILGE PLATING, No. of Strakes <i>R.M.E.</i> ...	1120	8 1/2	8 1/2	8 1/2	✓	SINGLE	5/8	60	TWO	5/8	57	✓	
SIDE PLATING, No. of Strakes													
UPPER DECK, Sheer- strake in Wells.....	1510	11	12	7 1/2	✓	SINGLE	5/8	60	TWO	5/8	57	✓	
UPPER DECK, Sheer- strake in Bridge ... <i>R.E.D.</i>		9 1/2	-	6	✓	SINGLE	5/8	77	THREE	3/4	69	✓	
STRAKE BELOW Sheer- strake in Wells.....	1530	8 1/2	10	8	✓	SINGLE	5/8	60	TWO	5/8	57	✓	
STRAKE BELOW Sheer- strake in Bridge ...													
POOP SIDE PLATING		-	-	8 1/2	✓	SINGLE	5/8	60	TWO	5/8	57	✓	
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			6	-	✓	SINGLE	5/8	60	TWO	5/8	57	✓	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— THREE ✓	
Extending to Upper Deck (Sec. 3 c) TWO	
" Deck next below ONE	
As per Rule THREE	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	-				
" " Second "	-				
" " Third "	-				
" " Holds	9 1/2	7	5	100 x 65 x 7	610
COLLISION " (in Hold)	9 1/2	8	7	140 x 75 x 7	600
AFTER PEAK " " 	8	7	5	100 x 65 x 8	600

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT KEEL PLATE			✓
STEM	CURVED STEEL PLATE	12		✓
STERN FRAME { Propeller Post	FORGING 145 x 80 PEKOLD. HAMB. FABRIK			✓
{ Rudder	-			
Speed of Vessel	12 KNOTS. (NOT EXCEEDING.)			✓
RUDDER—Type	BALANCED		PEK. HAMB. FABRIK	✓
" A x D	163.5			✓
" Diam. of head	FORGING 150			✓
" Mainpiece at top pintle	-			
" " heel ...	-			
" how constructed	EL. WELDED			✓
" double or single plate	DOUBLE PLATE			✓
" coupling, vertical or horizontal	HORIZONTAL			✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS.
	HUTA POKOJ, HUTA BATORY, GUTTENBERGSHÜTTE, SOCIÉTÉ ANONYME DELA FABRIQUE DE FER DE CHARLEROI.
	Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No.												LETTER	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
2168	1st Bower ...	10	1	21	-	-	-	12	8	3	0	10 7/4	HALL'S TYPE	KON. NED.	LEIDEN 13-7-39
2169	2nd „ ...	10	1	3	-	-	-	12	6	2	7	10 7/4	„ „	GROFSDREDERY	A.C. BUYZE.
2167	3rd „ ...	8	3	7	-	-	-	11	2	2	0	8 3/4	„ „	„ „	„ „
	Collective weight.	29	2	3	-	-	-	-	-	-	-	29 1/4	„ „	„ „	„ „
2170	Stream	3	2	9	10	3	15	6	0	3	21	3 1/2	COMMON STOCK	DITO	DITO

CHAIN CABLES.										HAWSERS AND WARPS.					
Number of Certificate.	Length and size supplied.	Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire.	Length and size per Table 53.
	Length. Diam.	Statutory.	Breaking.	Supplied.	Per Rule.			Length. Diam.					Length. Cir.	Tons.	Length. Cir.
4443	165 1 1/16	20 3/16	30 3/16	101-3-10	95 1/4	165 1 1/16	1 1/16	165 1 1/16	STAD KON. NED. LEIDEN 13-7-39	LINK GROFSDREDERY	A.C. BUYZE	TOWLINE...	75 2 1/2	13.2	75 2 1/2
												HAWSERS & WARPS	90 2	0.3	90 2
Iron Stream Chain or Steel Wire	60 2 1/2		13.2			60 2 1/2									

Steering Gear, Type (Power or hand) HAND Alternative Means of Steering BLOCK ON SPARE TILLER

Steering Chains (Size and Test) 3/4" 6-15-0-0 Windlass ELECTR. DRIVEN Boats TWO LIFEBOATS

Ceiling in Holds, thickness and material 2" PINE Cargo Battens, thickness, material and spacing 2" PINE 225 MM

Cargo Hatchways.-(Upper Deck) STEEL & ANGLE Thickness of Hatches 65 MM

Size of Hatchways No. 1 (Fwd.) 11.860x5.200 No. 2 12.400x5.200 No. 3 - No. 4 - No. 5 - No. 6 -

Number of Shifting Beams and for Fore and Afters. 7 IN EACH HATCHWAY

Builder's Signature

N. V. E. J. Smul & Co.
Scheepswerven

[Signature]

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel MOTOR VESSEL
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo NO The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

THE WORKMANSHIP WAS FOUND GOOD AND THE VESSEL HAS BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS, ROTTERDAM LETTERS REFERRED TO ON PAGE 4 AND IN GENERAL CONFORMITY WITH THE SOCIETY'S RULES. ALL DOUBLE BOTTOM TANKS, PEAK TANKS, OIL FUEL BUNKERS, WATERTIGHT BULKHEADS, DECKS. HAVE BEEN TESTED AS REQUIRED BY THE RULES AND ALL PARTS FOUND SOUND AND TIGHT. FREEBOARD MARKS VERIFIED AND CUT IN ON THE VESSEL'S SIDE

The amount of Entry Fee £ fl. 36.00 Fees applied for, 11-9-1939
Special Survey Fee.... £ fl. 590.80 Received by me, 19-9-1939
Travelling Expenses, if any £ fl. 41.00

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed + 100 A1.
"STRENGTHENED FOR NAVIGATION IN ICE"

State whether the Vessel has been built under Special Survey. YES

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GRONINGEN Date of issue 13/11/39

Committee's Minute

Character assigned

Write Gro

Lloyd's ascl.

Strengthened for navigation in ice

OL. Bults. Keelbloot. dr. fl. 14. E.W.

+ Lm. 8. 2020

at 1/2

Lloyd's Register Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

PLANS:

RUDDER & STERN FRAME

ROTTERDAM

14-2-39

MIDSHIP SECTION, PROFILE, DECKS, BULKHEADS ETC

31-1-39

STEERING GEAR

25-4-39

MOTOR SEATING

1-2-39

SHELL EXPANSION

1-2-39

PLANS IN LONDON FOR REFERENCE.

LETTERS:

ROTTERDAM: 31-1-39.

1-2-39.

15-2-39.

FORGING REPORTS OF STERN FRAME & RUDDER AND COPY OF INTERIM CERTIFICATE ATTACHED.

PARTICULARS OF ELECTRIC WELDING (if employed) RUDDER & STERN FRAME, BUTTS OF KEEL PLATES, DECK STRINGER PLATES, MOTOR SEATING, MAIN DECK INWAY OF POOP (SEAMS).

Electrolux "Resistors" & "Supra"
main letter 29/4/39

approved & initialed

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book CRUISER STERN, "STRENGTHENED FOR NAVIGATION IN ICE"

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	355 KGS	R.D.D. 30685	2-6-39.
	2nd "	352 KGS	R.D.D. 30684	2-6-39.
	3rd "	306 KGS	R.D.D. 30624	28-4-39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 40 ft., R.Q.D. 53.2 ft., Bridge — ft., Forecastle 24.3 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated NO

Official No. Signal Letters S.O.A.W. Extreme Breadth over Belting 27.6 (Circ. 1611) Over-all Length 168.5 (Circ. 1703) No. and Material of Decks ONE STEEL DECK. Parts of Bottom of Vessel coated with cement or approved composition CEMENT IN PEAKS, ENGINE ROOM AND HOLD BILGES. "TEXACO" IN DOUBLE BOTTOM. pt. cum, pt. asp.

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284). Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	20.5	58.5
Double bottom, under Engines and Boilers,			After peak tank,	10.6	13.5
Double bottom, if under Engines only,			Deep tank, aft, (OIL FUEL) BUNKER.	7.1	16.6
Double bottom, if under Boilers only,			Deep tank, forward, (OIL FUEL) BUNKER.	14.2	16.1
Double bottom, forward,			Other tanks, if fitted, IN COUNTER FRESH W.	4.1	4.1
Total length (if continuous) and Capacity	95.4	114.3	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 17

Date 17-2-39

Dates of Surveys held while building

22-12-1938; 10, 14, 16, 20-2-39; 2, 14, 30-3-39; 14, 25-4-39; 8, 19, 30-5-39; 6, 19, 21, 22, 23, 26, 28, 30-6-39; 4, 29, 7-39; 1, 21, 22, 28/8-39

Total No. of Visits 24

Lloyd's Register Foundation